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**UNITED STATES DEPARTMENT OF AGRICULTURE****AGRICULTURAL RESEARCH ADMINISTRATION****SERVICE AND REGULATORY ANNOUNCEMENTS****BUREAU OF ANIMAL INDUSTRY**

JANUARY 1948

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**CHANGES IN DIRECTORY****MEAT INSPECTION****Meat Inspection Granted**

- 4-C Campbell Soup Co., Franklin Boulevard at Forty-third Avenue, Sacramento 17, Calif.  
 ‡242 Koesterich Bros., 4100 Broadway, New York 32, N. Y.  
 311 Wheatley Foods, Inc., 2440 South Floyd Street, Louisville 4, Ky.  
 ‡498 Newark Packing Co., Inc., 97-103 Ogden Street, Newark 4, N. J.  
 ‡#3051 Hampden Beef Co., 203 Liberty Street, Springfield 4, Mass.

**Meat Inspection Withdrawn**

- ‡723 Granada Canning Co., 4711-4713 Brooklyn Avenue, Los Angeles 22, Calif.  
 ‡\*790 Hausman Packing Co., Inc., Banker-Boca Chica Road; mail, P. O. box 734, Brownsville, Tex.  
 935 Ohio Packing Co., 340 West State Street, Athens, Ohio.  
 ‡#3034 The Cudahy Packing Co. of Louisiana, Ltd., 1501 Poydras Street, New Orleans 13, La.

\*Conducts slaughtering.

† No sealed cars.

# Limited inspection.

**Meat Inspection Extended**

- 455 Karl Seiler & Sons, 4051-4059 North Fifth Street, Philadelphia 40, Pa., to include Smoked Pork Roll, Inc.

**Change in Name of Official Establishment**

- 197 Kingan & Co., Inc., 4820 Everett Avenue, Los Angeles 11, Calif., instead of Best-Ever Packing Co.  
239 J. Spevak & Co., Inc., 116 South Central Avenue, Baltimore 2, Md., instead of J. Spevak & Co.  
963 U. S. Packing & Rendering Co., Inc., Second and Meyer Streets, Kansas City 18, Kans., instead of U. S. Packing Co.  
968 Flotill Products, Inc., Fresno Street and Charter Way, Stockton, Calif., instead of Flotill Sales Co.

**Change in Mail Address of Official Establishment**

- 641 Charles Haag Abattoir, 260 Secaucus Road, Secaucus, N. J.; mail, 68 Hudson Street, Hoboken, N. J., instead of 463 First Street.

**Change in Address of Official in Charge**

- Dr. G. A. Franz, 440 Postal Station Building, Indianapolis 4, Ind., instead of 323 Meridian Life Building.

**Station Changed to Substation**

Utica, N. Y., under Albany, N. Y.

**Station Discontinued**

Brownsville, Tex.

**Substation Discontinued**

Athens, Ohio, under Cincinnati, Ohio.

**Note**

Remove character indicating conducts slaughtering preceding establishment 377, Gold Medal Packing Corp., Utica, N. Y.

**STATIONS HANDLING WORK OF SEVERAL DIVISIONS****Change of Official in Charge**

Dr. Cesar Clavell replaces Dr. S. H. Still (deceased) as veterinarian in charge at San Juan, P. R., effective January 25, 1948.

Dr. Ward R. Lee transferred from Albuquerque, N. Mex., to Phoenix, Ariz., as veterinarian in charge, effective January 4, 1948.

Dr. William A. McDonald transferred from El Paso, Tex., to Sacramento, Calif., as veterinarian in charge, effective January 25, 1948.

**ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,  
DECEMBER 1947**

City and region	Cattle	Calves	Sheep and lambs	Goats	Swine
North Atlantic:					
New York, Newark, Jersey City	34,952	42,003	186,768		174,997
Baltimore, Philadelphia	27,253	5,799	7,722		110,636
North Central:					
Cincinnati, Cleveland, Indianapolis	66,262	17,826	44,507		280,327
Chicago, Elburn	125,558	56,403	127,667		543,193
St. Paul—Wisconsin group	120,510	145,174	76,203		653,174
St. Louis area	76,869	51,439	70,767		404,112
Sioux City	47,391	1,726	59,510		211,631
Omaha	94,469	6,302	88,684		342,742
Kansas City	92,054	26,385	84,006		278,136
Iowa and Southern Minnesota	82,996	29,542	173,475		1,055,239
Southeast <sup>4</sup>	37,273	22,596			149,023
South Central West <sup>5</sup>	117,137	55,578	119,769		422,506
Rocky Mountain <sup>6</sup>	34,717	2,458	66,110		103,858
Pacific <sup>7</sup>	76,325	22,239	127,009		164,991
Total	1,033,766	485,470	1,232,197		4,894,565
All other stations	312,947	187,833	218,955	10,766	1,359,889
Total:					
December 1947	1,346,713	673,303	1,451,152	10,766	6,254,454
December 1946	1,352,062	590,768	1,345,905	2,672	5,133,378
12 months ended—					
December 1947	15,536,243	7,934,890	16,667,389	114,132	49,115,512
December 1946	11,413,325	5,842,217	19,885,283	87,377	44,393,920

Horses slaughtered:

December 1947	25,635
December 1946	24,042
12 months ended—	
December 1947	276,290
December 1946	192,268

<sup>1</sup> Includes St. Paul, South St. Paul, and Newport, Minn.; Madison, Milwaukee, and Green Bay, Wis.

<sup>2</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill.; St. Louis, Mo.

<sup>3</sup> Includes Cedar Rapids, Des Moines, Fort Dodge, Mason City, Marshalltown, Ottumwa, Storm Lake, and Waterloo, Iowa; Albert Lea and Austin, Minn.

<sup>4</sup> Includes Birmingham, Dothan, Montgomery, Ala.; Tallahassee, Fla.; Albany, Atlanta, Columbus, Moultrie, Thomasville, and Tifton, Ga.

<sup>5</sup> Includes South St. Joseph, Mo.; Wichita, Kans.; Oklahoma City, Okla.; Fort Worth, Tex.

<sup>6</sup> Includes Denver, Colo.; Ogden and Salt Lake City, Utah.

<sup>7</sup> Includes Los Angeles, Vernon, San Francisco, San Jose, Sacramento, and Vallejo, Calif.

**MEAT AND MEAT FOOD PRODUCTS PREPARED AND PROCESSED  
UNDER FEDERAL MEAT INSPECTION, DECEMBER 1947**

Product	Quantity	Product	Quantity
Meat placed in cure:			
Beef	10,157,565	Canned meat and meat food products—Continued	
Pork	292,582,475	Sausage	13,023,246
Smoked and/or dried:		Soup	45,525,676
Beef	5,531,458	All other	46,538,334
Pork	162,469,275	Bacon, sliced	42,112,404
Sausage:		Lard:	
Fresh, finished	24,369,020	Rendered	195,337,536
Smoked and/or cooked	74,607,612	Refined	128,224,366
To be dried or semidried	11,174,226	Rendered pork fat:	
Loaf, headcheese, chili con carne, jellied product, etc.	14,668,327	Rendered	8,745,501
Cooked meat:		Refined	4,194,192
Beef	2,909,920	Edible tallow	8,185,020
Pork	49,283,401	Compound containing animal fat	7,249,651
Canned meat and meat food products:		Oleomargarine containing animal fat	23,093,050
Beef	15,604,281	Miscellaneous	4,488,421
Pork	61,881,244	Total	7,603,461
			1,125,559,662

<sup>1</sup> This figure represents "inspection pounds" as some of the products may have been inspected and recorded more than once due to having been subjected to more than one distinct processing treatment, such as curing first and then canning.

**MEAT AND MEAT FOOD PRODUCTS CERTIFIED FOR EXPORT, DECEMBER 1947 WITH COMPARABLE FIGURES FOR DECEMBER 1946**

Product	Quantity during—		Product	Quantity during—	
	Decem- ber 1947	Decem- ber 1946		Decem- ber 1947	Decem- ber 1946
Beef and veal:			Pork—Continued		
Fresh.....	<i>Pounds</i> 153,313	<i>Pounds</i> 140,790	Smoked.....	<i>Pounds</i> 315,382	<i>Pounds</i> 173,049
Cured.....	9,684	414,667	Canned.....	519,197	341,639
Smoked.....			Edible organs:		
Canned.....	667,881	279,129	Fresh.....		
Edible organs:			Cured.....	9,600	
Fresh.....	200,188		Miscellaneous.....	101,750	91,596
Cured.....	6,288		Sausage.....	331,463	188,667
Miscellaneous.....	18,894	80,678	Lard.....	23,585,000	26,385,358
Mutton and lamb:			Rendered pork fat.....	631,673	1,803,668
Fresh.....	18,262	1,046	Compound.....	50,464	4,800
Canned.....	969	6,296	Oleo stock.....	100,000	42,843
Edible organs: Fresh.....			Oleomargarine.....	5,190	
Miscellaneous.....	1,205	376	Edible tallow.....		29,960
Pork:			Total.....	27,597,736	31,987,639
Fresh.....	61,295	3,862	Horse meat.....	6,667,468	8,574,281
Cured.....	810,038	1,999,215			

**MEAT AND MEAT FOOD PRODUCTS INSPECTED WHEN OFFERED FOR IMPORTATION, DECEMBER 1947**

Product	Country of origin						Total
	Argentina	Brazil	Canada	Domin- ican Republic	The Nether- lands	Uruguay	
Fresh meat, chilled: Beef.....	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Edible organs: Pork.....			50				28,474
Cured meats: Beef.....						138,347	138,347
Bulk sausage.....			4,110				4,110
Canned meats:							
Corned beef.....	3,584,239	838,800				219,599	4,642,638
Roast beef.....	384,332						384,332
Pork.....					1,907		1,907
Miscellaneous.....		180,000				4,101	184,101
Miscellaneous.....			886,615				886,615
Total.....	3,968,571	1,018,800	890,775	28,474	1,907	362,047	6,270,574

Condemned: Canned corned beef 535 pounds, canned roast beef 4 pounds, canned corned mutton 4 pounds, pate de foie 291 pounds, total 834 pounds.

Refused entry: Pate de foie 558 pounds.

**REPORT OF CANNING OPERATIONS AT OFFICIAL ESTABLISHMENTS,  
DECEMBER 1947<sup>1</sup>**

Product	Pounds of finished product	
	Slicing and institutional sizes (3 pounds or over)	Consumer packages or shelf sizes (under 3 pounds)
Luncheon meat (including such items as spiced ham, chopped and pressed meats)	24,780,066	21,965,440
Canned hams (whole and fractional)	12,649,832	1,472,624
Corned beef hash	1,710,583	11,562,087
Chili con carne	746,451	9,943,135
Vienna sausage	94,410	8,781,795
Potted and deviled meat food products (excluding deviled ham)		4,581,468
Deviled ham		262,597
Tamales	108,410	2,373,748
Sliced dried beef	12,221	795,321
Liver products		564,273
Meat stew (all types)	29,311	4,639,834
Spaghetti meat products (all types)	95,258	1,882,244
Tongue (other than pickled)	278,958	892,525
Vinegar pickled products	1,341,176	2,317,633
All other products containing 20 percent or more meat	1,654,546	12,943,073
All other products containing less than 20 percent meat (excluding canned soup)	41,333	10,570,398
Total of all products	43,542,555	95,548,195

<sup>1</sup> Some establishments reported canning operations for November too late to be included in November figures. These amounts are included in December totals.

**LIVESTOCK INSPECTED WHEN OFFERED FOR IMPORTATION,  
DECEMBER 1947**

Port of entry	Cattle	Swine	Sheep	Goats	Horses	Mules and asses
Mexican border ports					84	9
Canadian border ports	6,525	118	83		1,523	
December 1947	6,525	118	83		1,607	9
December 1946	98,951	96	356		1,435	39

Refused entry: 24 cattle (not included in the table).

**CANNED ANIMAL FOODS INSPECTED AND CERTIFIED DURING  
CALENDAR YEAR 1947**

In month of—	Quantity	In month of—	Quantity
	Pounds		Pounds
January		July	
February	1,034,013	August	19,749,563
March	4,253,635	September	23,335,966
April	6,070,009	October	23,121,411
May	13,392,669	November	27,321,002
June	11,986,219	December	28,858,640
			34,278,209

## SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER 1947

State or Territory	Tuberculin tests during month			Accredited herds <sup>1</sup>	Herds under supervision	Inspector in charge	State official
	Cattle	Infected premises	Re-accredited				
Alabama-----	2,021	4	9	763	240,906	B. N. Lauderdale-----	R. S. Sugg, Auburn.
Arizona-----	3,436	4	5	2	12,593	L. E. Patton-----	F. D. McMahon, Phoenix.
Arkansas-----	3,182	0	0	0	228,256	A. W. Rice-----	Joe S. Campbell, Little Rock.
California-----	44,363	46	183	6	74,669	A. E. Wardlow, acting.	A. K. Carr, Sacramento.
Colorado-----	176	1	1	21	60,846	Edgar Heiny-----	R. M. Gow, Denver.
Connecticut-----	21,139	21	46	13,068	14,181	R. L. Smith-----	G. E. Corwin, Hartford.
Delaware-----	3,750	3	5	2,098	7,887	O. L. Lockwood-----	Harry McDaniel, Jr., Dover.
Dist. of Col.-----	0	0	0	2	17	A. K. Kuttler-----	J. V. Knapp, Tallahassee.
Florida-----	4,957	0	0	35	67,656	T. H. Applewhite-----	Tom Linder, Atlanta.
Georgia-----	2,919	2	3	89	243,634	W. C. Dendering-----	A. P. Schneider, Boise.
Idaho-----	3,658	1	1	7	51,500	T. R. Myers-----	C. E. Fidler, Springfield.
Illinois-----	48,651	59	122	655	244,820	N. H. Howlett-----	R. F. Smith, Indianapolis.
Indiana-----	12,051	3	3	1,200	147,750	J. W. Murdoch-----	H. U. Garrett, Des Moines.
Iowa-----	46,721	110	155	458	209,932	J. A. Barger-----	Will J. Miller, Topeka.
Kansas-----	17,145	38	61	154	171,332	W. E. Logan-----	B. F. Pigg, Frankfort.
Kentucky-----	3,416	1	1	14	121,335	E. E. Coshow-----	E. P. Flower, Baton Rouge.
Louisiana-----	199	0	0	0	148,804	E. C. Hughes-----	Francis G. Buzzell, Augusta.
Maine-----	6,086	9	61	196	43,817	B. J. Cady-----	A. L. Brueckner, Baltimore.
Maryland-----	18,018	22	46	14,825	46,490	O. L. Lockwood-----	William Casey, Boston.
Massachusetts-----	22,746	28	66	21,041	23,024	E. M. Aldrich-----	C. F. Clark, Lansing.
Michigan-----	11,834	20	24	64	150,000	C. H. Hays-----	Ralph L. West, St. Paul.
Minnesota-----	6,764	10	22	637	170,276	F. C. Driver-----	H. C. Simmons, Jackson.
Mississippi-----	1,717	0	0	12	260,180	T. K. Jones-----	H. E. Curry, Jefferson City.
Missouri-----	8,919	7	9	52	239,687	F. P. Fischer-----	W. J. Butler, Helena.
Montana-----	2,506	0	0	19	73,033	G. W. Cronen-----	E. P. Anderson, Lincoln.
Nebraska-----	4,445	5	10	24	135,277	J. E. Peterman-----	W. B. Earl, Reno.
Nevada-----	555	0	0	0	3,441	E. E. Maas-----	R. W. Smith, Concord.
New Hampshire-----	7,946	6	8	18,103	21,275	E. M. Aldrich-----	R. A. Hendershott, Trenton.
New Jersey-----	28,052	42	64	12,057	14,070	J. R. Porteus-----	F. L. Schneider, Albuquerque.
New Mexico-----	884	0	0	4	25,450	L. E. Patton-----	Ivan G. Howe, Albany.
New York-----	137,199	73	150	116,394	117,904	H. B. Leonard-----	J. L. Faulhaber, Raleigh.
North Carolina-----	2,934	0	0	458	256,713	A. A. Husman-----	T. O. Brandenburg, Bismarck.
North Dakota-----	3,460	1	1	220	68,003	Frederik Low-----	Harry Geyer, Columbus.
Ohio-----	34,472	22	41	804	224,309	A. J. DeFosset-----	D. H. Ricks, Oklahoma City.
Oklahoma-----	2,492	2	4	10	160,375	R. K. Benn-----	M. E. Knickerbocker, Salem.
Oregon-----	18,814	17	23	2,198	216,348	S. B. Foster-----	C. P. Bishop, Harrisburg.
Pennsylvania-----	43,710	42	97	5,618	163,023	H. M. O'Rear-----	S. J. Barber, Providence.
Rhode Island-----	2,072	2	10	2,579	1,055	E. M. Aldrich-----	R. A. Mays, Columbia.
South Carolina-----	1,037	2	9	93	58,152	T. W. Boman-----	R. S. Robinson, Pierre.
South Dakota-----	7,040	8	8	4	73,365	Neil Plank-----	C. E. Kord, Nashville.
Tennessee-----	3,014	4	8	24	294,951	H. L. Fry-----	J. L. Adrian, Jr., Ft. Worth.
Texas-----	10,688	8	8	47	372,281	H. L. Darby-----	J. I. Curtis, Salt Lake City.
Utah-----	1,151	5	5	3	83,311	F. H. Melvin-----	Stanley Judd, Montpelier.
Vermont-----	27,818	7	12	13,114	20,905	A. F. Ranney-----	H. C. Givens, Richmond.
Virginia-----	12,034	5	10	490	199,500	H. S. Miller-----	H. A. Trippe, Olympia.
Washington-----	5,208	4	4	6	89,075	Elmer Lash-----	T. C. Green, Charleston.
West Virginia-----	2,862	0	0	568	116,305	H. M. Newton-----	J. T. Schwab, Madison.
Wisconsin-----	52,625	29	102	4,026	173,477	W. S. Winner, acting.	George H. Good, Cheyenne.
Wyoming-----	772	0	0	2	21,893	W. I. Bowersox-----	E. H. Willers, Honolulu.
Hawaii-----	570	1	2	0	1,800	A. H. Julien-----	Luis A. Izquierdo, San Juan.
Puerto Rico-----	9,736	2	3	0	62,568	Cesar Clavell-----	W. A. Jordan, Christiansted.
Virgin Islands-----	0	0	0	0	420	Cesar Clavell-----	
Total-----	717,964	676	1,402	232,294	6,065,871		

<sup>1</sup> All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

**SUMMARY OF BRUCELLOSIS WORK IN COOPERATION WITH STATES  
DECEMBER 1947<sup>1</sup>**

State or Territory	Tests made of blood samples during month		Tests of herds containing reactors						Total accredited		Herds under supervision	Cattle on waiting list
			Reactors			Calves vaccinated during month	Modified	Accredited counties				
	Herds	Cattle	Herds	Cattle	For slaughter			Herds	Cattle	Herds	Cattle	
Alabama-----	162	3,414	37	1,694	153	52	1,875	36	530	20,119	185,993	94,176
Arizona-----	271	1,634	19	417	34	23	338	1	112	0	2,745	0
Arkansas-----	309	2,312	48	749	120	0	676	4	0	0	29,905	0
California-----	0	0	0	0	0	0	411	0	0	0	1,273	24,998
Colorado-----	400	3,878	52	1,074	0	154	5,835	0	6	334	5,085	745
Connecticut-----	122	2,018	12	647	21	8	1,772	0	551	6,512	875	0
Delaware-----	129	1,638	15	253	45	0	406	0	398	5,945	5,378	0
Florida-----	602	6,651	44	2,539	110	15	493	0	71	4,495	8,604	0
Georgia-----	704	6,272	89	2,816	274	0	9	63	44	3,425	129,026	205,450
Idaho-----	324	3,870	59	1,005	166	1	3,095	9	207	3,130	45,963	0
Illinois-----	6,157	43,257	1,036	13,903	1,155	1,410	10,877	0	98	2,748	159,878	0
Indiana-----	1,551	13,398	429	5,634	1,816	0	1,682	0	523	9,710	2,533	11,490
Iowa-----	925	8,354	219	3,154	508	0	2,101	0	2,717	42,896	40,035	0
Kansas-----	1,073	7,092	195	1,791	358	0	90	0	201	4,415	2,316	460
Kentucky-----	121	2,153	30	737	120	51	698	0	25	920	38,884	7,181
Louisiana-----	205	1,694	67	1,140	162	77	1,197	0	0	0	63,946	8,246
Maine-----	690	12,555	145	3,507	91	144	397	9	162	3,819	36,026	0
Maryland-----	442	6,325	62	1,149	98	17	1,657	7	3,535	60,702	26,640	0
Massachusetts-----	0	0	0	0	0	0	616	0	91	3,734	6,784	0
Michigan-----	1,820	21,354	226	2,547	271	264	804	35	363	9,633	41,193	1,361,269
Minnesota-----	1,968	26,744	485	7,880	1,095	211	4,123	21	110	3,893	101,933	57,731
Mississippi-----	372	4,416	23	662	180	0	310	5	190	5,734	8,736	0
Missouri-----	1,150	9,303	346	4,257	840	0	783	0	19	1,126	103,427	0
Montana-----	70	592	3	59	1	6	468	0	15	856	4,109	0
Nebraska-----	205	2,886	59	1,446	251	0	628	0	114	2,791	8,761	0
Nevada-----	47	896	21	616	27	0	188	0	19	511	722	0
New Hampshire-----	1,460	17,469	284	5,590	331	0	693	4	11,424	83,685	19,247	0
New Jersey-----	561	9,590	30	766	28	55	1,596	1	944	13,899	3,740	0
New Mexico-----	390	3,518	21	729	32	41	327	0	41	2,381	4,674	0
New York-----	1,280	24,954	833	21,558	4	1,789	21,351	0	2,357	60,791	47,155	45,000
North Carolina-----	1,025	9,970	44	1,544	60	0	117	100	696	27,734	249,084	0
North Dakota-----	156	2,874	28	656	112	0	1,954	26	12	538	56,597	159,000
Ohio-----	1,248	15,529	311	4,348	766	0	3,896	7	2,875	53,475	75,828	300,000
Oklahoma-----	721	6,838	190	2,996	432	28	2,308	0	209	4,785	2,300	0
Oregon-----	2,848	21,998	114	2,932	349	2	902	17	0	0	128,601	0
Pennsylvania-----	3,697	40,561	537	9,333	1,192	0	3,267	20	7,050	159,905	77,796	90,457
Rhode Island-----	12	748	7	571	57	7	124	0	37	668	118	0
South Carolina-----	235	3,614	25	823	82	0	20	10	104	6,861	42,112	3,500
South Dakota-----	38	649	.7	118	15	3	1,069	0	3	110	4,177	600
Tennessee-----	171	4,012	67	3,661	167	139	2,099	1	696	19,316	48,181	4,979
Texas-----	206	3,557	40	1,199	141	0	322	0	764	8,841	3,345	0
Utah-----	382	2,380	27	604	0	88	2,031	0	0	0	11,417	0
Vermont-----	802	11,428	249	7,405	5	904	2,267	0	804	18,978	1,903	0
Virginia-----	557	10,592	210	3,163	407	48	1,501	68	172	9,712	189,128	78,761
Washington-----	1,669	15,426	151	3,633	331	23	7,010	19	0	0	82,463	0
West Virginia-----	358	4,853	33	856	45	0	211	32	334	5,608	73,876	0
Wisconsin-----	882	19,050	282	7,215	430	416	8,838	9	5,760	202,733	59,632	306,924
Wyoming-----	183	2,083	31	958	42	11	1,059	0	1	143	6,562	0
Puerto Rico-----	22	2,463	10	2,134	68	91	172	0	12	629	117	2,918
Total-----	38,722	426,882	7,252	141,658	12,362	6,070	104,663	502	44,285	878,344	2,248,732	2,763,885

<sup>1</sup> Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

<sup>2</sup> Nonvaccinated reactors held during the month.

## BIOLOGICAL PRODUCTS PREPARED UNDER LICENSE, DECEMBER 1947

*Anti-hog-cholera serum*

Period	Preserved (processed)	Completed (batched)	Released	Destroyed
December 1947	<i>Cc.</i> 105,493,507	<i>Cc.</i> 103,730,285	<i>Cc.</i> 85,202,600	<i>Cc.</i> 379,765
December 1946	99,063,295	99,962,285	82,193,940	456,770
12 months ended—				
December 1947	1,322,571,692	1,317,460,393	1,312,737,385	6,412,159
December 1946	1,233,564,347	1,233,524,499	1,261,437,695	4,891,111

*Hog-cholera virus*

Period	Produced			Destroyed	
	Simulta- neous	Hyperim- munizing	Inoculating	Simulta- neous	Hyperim- munizing
December 1947	<i>Cc.</i> 4,581,386	<i>Cc.</i> 17,190,867	<i>Cc.</i> 57,924	<i>Cc.</i> 218,966	<i>Cc.</i> 445,314
December 1946	5,059,651	19,533,251	56,050	171,677	616,045
12 months ended—					
December 1947	86,273,116	260,825,500	1,111,990	3,696,177	9,290,385
December 1946	89,341,392	241,639,561	1,074,682	3,756,989	6,108,946

## INSPECTIONS AND TESTS IN THE PRODUCTION OF HOG-CHOLERA VIRUS AND SERUM UNDER LICENSES, DECEMBER 1947

Period	Animal inspections	Animal rejections	Pigs inoc- ulated	Hogs hypered	Tests supervised	
					Serum	Virus
December 1947	257,866	2,378	18,679	12,996	338	138
December 1946	268,903	3,157	21,941	15,120	348	154
12 months ended—						
December 1947	3,710,728	46,655	327,060	195,775	5,588	2,480
December 1946	3,345,019	34,481	309,059	179,641	4,924	2,497

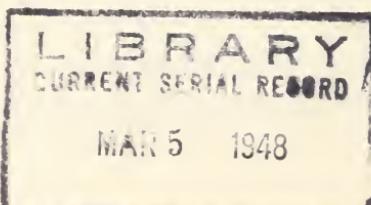
## LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, DECEMBER 1947

License No. 103 issued January 13, 1937, to Armour & Co. (Veterinary Division), Kaw Station, Kansas City, Kans., was terminated December 16, 1947, because of change in name of the establishment, and license of the same number issued on the same date to Armour Veterinary Laboratories, Armour & Co., Kaw Station, Kansas City, Kans., for anti-hog-cholera serum and hog-cholera virus.

License No. 112 issued December 11, 1947, to Fort Dodge Laboratories, Inc., 300 First Avenue S., Fort Dodge, Iowa, for bronchisepticus-streptococcus-typimurium bacterin and canine-distemper vaccine in bronchisepticus-streptococcus-typimurium bacterin.

## AMENDMENTS TO DEPARTMENT REGULATIONS

The following amendments to the Department Regulations have been issued:  
 Amendment No. 256, Revision of Regulation 1522; new Regulation 1524.  
 Amendment No. 257, Revision of Regulation 1812.



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